

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/051431

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K14/475 C12N15/12 A61K38/18 A61K31/7088 A61K31/713
A61P25/00 A61P37/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/39786 A (INNOGENETICS N.V.; FRANSEN, LUCIA; DE BAETSELIER, PATRICK) 7 June 2001 (2001-06-07) claims; figures; examples -----	1-76, 89-91, 104, 108-121
X	WO 01/57190 A (HYSEQ, INC.; TANG, Y., TOM; LIU, CHENGHUA; DRMANAC, RADOJE, T; ASUNDI,) 9 August 2001 (2001-08-09) page 59 - page 61; claims; examples; tables 2-6; sequences 1401,3369,417,2385 -/--	1-76, 89-91, 104, 108-121

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"I" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

5 July 2005

Date of mailing of the international search report

23 AUG 2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	<p>-& DATABASE Geneseq [Online] 6 November 2001 (2001-11-06), "Human protein SEQ ID NO 1401." XP002334619 retrieved from EBI accession no. GSN:AAM78739 Database accession no. AAM78739 SEQUENCE INFORMATION the whole document</p> <p>-& DATABASE Geneseq [Online] 6 November 2001 (2001-11-06), "Human protein SEQ ID NO 3369." XP002334620 retrieved from EBI accession no. GSN:AAM79723 Database accession no. AAM79723 SEQUENCE INFORMATION the whole document</p> <p>-----</p> <p>WO 01/54474 A (HUMAN GENOME SCIENCES, INC; ROSEN, CRAIG, A; BARASH, STEVEN, C; RUBEN,) 2 August 2001 (2001-08-02)</p> <p>claims; sequences 675,845,255,425 -& WO 01/55440 A (HUMAN GENOME SCIENCES, INC; ROSEN, CRAIG, A; BARASH, STEVEN, C; RUBEN,) 2 August 2001 (2001-08-02) paragraph [0638] - paragraph [0655]; claims; sequences 675,845,255,425 -& DATABASE Geneseq [Online] 10 January 2002 (2002-01-10), "Human cDNA SEQ ID NO: 675." XP002334621 retrieved from EBI accession no. GSN:ABB10367 Database accession no. ABB10367 SEQUENCE INFORMATION the whole document</p> <p>-& DATABASE Geneseq [Online] 10 January 2002 (2002-01-10), "Human cDNA SEQ ID NO: 845." XP002334622 retrieved from EBI accession no. GSN:ABB10537 Database accession no. ABB10537 SEQUENCE INFORMATION the whole document</p> <p>-& DATABASE Geneseq [Online] 10 January 2002 (2002-01-10), "Human cDNA SEQ ID NO: 255." XP002334623 retrieved from EBI accession no. GSN:ABA06589 Database accession no. ABA06589 SEQUENCE INFORMATION the whole document</p> <p style="text-align: center;">-/--</p>	<p>1-76, 89-91, 104, 108-121</p>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>-& DATABASE Geneseq [Online] 10 January 2002 (2002-01-10), "Human cDNA SEQ ID NO: 425." XP002334624 retrieved from EBI accession no. GSN:ABA06759 Database accession no. ABA06759 SEQUENCE INFORMATION the whole document</p> <p>-----</p> <p>WO 01/83510 A (HUMAN GENOME SCIENCES, INC; KOMATSOULIS, GEORGE; RUBEN, STEVEN, M; ROS) 8 November 2001 (2001-11-08)</p> <p>page 49 - page 51; claims; sequences 31,93,94 page 213 - page 225 page 245 - page 253 -& DATABASE Geneseq [Online] 15 March 2002 (2002-03-15), "Human secreted protein encoding polypeptide SEQ ID NO 93." XP002334625 retrieved from EBI accession no. GSN:ABB57447 Database accession no. ABB57447 SEQUENCE INFORMATION the whole document</p> <p>-----</p>	<p>1-76, 89-91, 104, 108-121</p>
P,X	<p>NISHINO JINSUKE ET AL: "Meteorin: a secreted protein that regulates glial cell differentiation and promotes axonal extension" EMBO (EUROPEAN MOLECULAR BIOLOGY ORGANIZATION) JOURNAL, vol. 23, no. 9, 5 May 2004 (2004-05-05), pages 1998-2008, XP002334608 ISSN: 0261-4189 cited in the application the whole document</p> <p>-----</p>	<p>1-121</p>
P,X	<p>WO 2004/035732 A (FIVE PRIME THERAPEUTICS, INC; WILLIAMS, LEWIS, T; CHU, KETING; LEE, ER) 29 April 2004 (2004-04-29)</p> <p>paragraph [0140] - paragraph [0147]; claims; sequence 91</p> <p style="text-align: center;">-/--</p>	<p>1-76, 89-91, 104, 108-121</p>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	<p>-& DATABASE Geneseq [Online] 12 August 2004 (2004-08-12), "Human secreted protein SEQ ID #91." XP002334626 retrieved from EBI accession no. GSN:ADP29324 Database accession no. ADP29324 SEQUENCE INFORMATION the whole document</p> <p>-----</p>	
A	<p>DATABASE EMBL [Online] 21 December 2001 (2001-12-21), "2023-57 Mouse E14.5 retina lambda ZAP II Library Mus musculus cDNA, mRNA sequence." XP002334627 retrieved from EBI accession no. EM PRO:BG806341 Database accession no. BG806341 the whole document</p>	
A	<p>-& MU X ET AL: "Gene expression in the developing mouse retina by EST sequencing and microarray analysis." NUCLEIC ACIDS RESEARCH. 15 DEC 2001, vol. 29, no. 24, 15 December 2001 (2001-12-15), pages 4983-4993, XP002334609 ISSN: 1362-4962 the whole document</p> <p>-----</p>	

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 89-108 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Information on patent family members

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